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Your wildcard search against 2000 terms has yielded the results below

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**Search Results -**

Term	Documents
"21.6".DWPI,EPAB,JPAB,USPT,PGPB.	16789
"21.6S".DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBOD\$	0
ANTIBOD.DWPI,EPAB,JPAB,USPT,PGPB.	405
ANTIBODANTIBODA.DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBODAY.DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBODEES.DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBODEES:.DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBODEIS.DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBODES.DWPI,EPAB,JPAB,USPT,PGPB.	80
ANTIBODES:.DWPI,EPAB,JPAB,USPT,PGPB.	2
.....	
ANTIBOD\$(ANTIBODY-RECOGNIZABLE).USPT,PGPB,JPAB,EPAB,DWPI.	pickup term
('21.6' SAME (ANTIBOD\$)).USPT,PGPB,JPAB,EPAB,DWPI.	80

[There are more results than shown above. Click here to view the entire set.](#)

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
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 EPO Abstracts Database  
 Derwent World Patents Index

Database: IBM Technical Disclosure Bulletins

Search:

'21.6' same (antibod\$)

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**

**DATE:** Wednesday, May 22, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

<u>L13</u>	'21.6' same (antibod\$)	80	<u>L13</u>
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*DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<u>L12</u>	yednock-ted\$	4	<u>L12</u>
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<u>L11</u>	L10 and (alpha4 or 'alpha-4' of 'vla-4')	8	<u>L11</u>
------------	--	---	------------

<u>L10</u>	L9 and arthritis	110	<u>L10</u>
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<u>L9</u>	yednock	143	<u>L9</u>
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<u>L8</u>	wayner-elizabeth\$	1	<u>L8</u>
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<u>L7</u>	('alpha4beta1') antibod\$ and (arthritis)	0	<u>L7</u>
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<u>L6</u>	('alpha4beta1') antibod\$ and (treat\$ or therap\$ or inhibit\$ or suppress\$ or administ\$) same (arthritis)	0	<u>L6</u>
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<u>L5</u>	('alpha-4') antibod\$ and (treat\$ or therap\$ or inhibit\$ or suppress\$ or administ\$) same (arthritis)	0	<u>L5</u>
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<u>L4</u>	(alpha4 or 'vla-4') antibod\$ and (treat\$ or therap\$ or inhibit\$ or suppress\$ or administ\$) same (arthritis)	18	<u>L4</u>
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*DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

<u>L3</u>	(alpha4 or 'vla-4') antibod\$ and (treat\$ or therap\$ or inhibit\$ or suppress\$ or administ\$) same (arthritis)	0	<u>L3</u>
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<u>L2</u>	(alpha4 or 'vla-4') same (arthritis)	72	<u>L2</u>
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*DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<u>L1</u>	(alpha4 or 'vla-4') same (arthritis)	80	<u>L1</u>
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END OF SEARCH HISTORY

```
Set Items Description
--- -----
Cost is in DialUnits
? b 410
 22may02 16:14:13 User208760 Session D2064.1
  $0.29    0.082 DialUnits File1
$0.29  Estimated cost File1
$0.29  Estimated cost this search
$0.29  Estimated total session cost  0.082 DialUnits
```

File 410:Chronolog(R) 1981-2002/May  
(c) 2002 The Dialog Corporation

```
Set Items Description
--- -----
? set hi ;set hi
HIGHLIGHT set on as ''
HIGHLIGHT set on as ''
? begin 5,73,155,399
 22may02 16:14:34 User208760 Session D2064.2
  $0.00    0.073 DialUnits File410
$0.00  Estimated cost File410
$0.07  TELNET
$0.07  Estimated cost this search
$0.36  Estimated total session cost  0.155 DialUnits
```

SYSTEM:OS - DIALOG OneSearch
File 5:Biosis Previews(R) 1969-2002/May W3
(c) 2002 BIOSIS
File 73:EMBASE 1974-2002/May W2
(c) 2002 Elsevier Science B.V.
\*File 73: For information about Explode feature please
see Help News73.
File 155: MEDLINE(R) 1966-2002/May W3
\*File 155: This file has been reloaded. Accession numbers have changed.
File 399:CA SEARCH(R) 1967-2002/UD=13621
(c) 2002 AMERICAN CHEMICAL SOCIETY
\*File 399: Use is subject to the terms of your user/customer agreement.
RANK charge added; see HELP RATES 399.

```
Set Items Description
--- -----
? s (alpha4 or alpha(w)4)(10n)(antibod?) and arthritis
Processing
 3764  ALPHA4
 1752588  ALPHA
 5298530  4
 11785  ALPHA(W)4
 1713412  ANTIBOD?
 1027  (ALPHA4 OR ALPHA(W)4)(10N)ANTIBOD?
 342168  ARTHRITIS
S1      35  (ALPHA4 OR ALPHA(W)4)(10N)(ANTIBOD?) AND ARTHRITIS
? rd s1
...completed examining records
S2      18  RD S1 (unique items)
? t s2/3/all
```

2/3/1 (Item 1 from file: 5)
DIALOG(R) File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

12081330 BIOSIS NO.: 199900376179
Confocal laser scanning microscopy of leukocyte adhesion in the

microcirculation of the inflamed rat knee joint capsule.  
AUTHOR: Finkenauer Volker; Bissinger Thomas; Funk Richard H W; Karbowski  
Alfred; Seiffge Dirk(a)  
AUTHOR ADDRESS: (a)Department of Rheumatic/Autoimmune Diseases, Hoechst  
Marion Roussel, Frankfurt\*\*Germany  
JOURNAL: Microcirculation (New York) 6 (2):p141-152 June, 1999  
ISSN: 1073-9688  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/2 (Item 2 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11183793 BIOSIS NO.: 199799804938  
Potent alpha-4-beta-1 peptide antagonists as potential anti-inflammatory  
agents.  
AUTHOR: Jackson David Y(a); Quan Clifford; Artis Dean R; Rawson Thomas;  
Blackburn Brent; Struble Martin; Fitzgerald Geraldine; Chan Kathryn;  
Mullins Sheldon; Burnier J P; Fairbrother Wayne J; Clark Kevin; Berisini  
Maureen; Chui Henry; Renz Mark; Jose Susan; Fong Sherman  
AUTHOR ADDRESS: (a)Dep. Bioorganic Chem., Genentech Inc., 460 Point San  
Bruno Blvd., South San Francisco, CA 94080\*\*USA  
JOURNAL: Journal of Medicinal Chemistry 40 (21):p3359-3368 1997  
ISSN: 0022-2623  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/3 (Item 3 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10698288 BIOSIS NO.: 199799319433  
Advances in the pathogenesis of reactive arthritis.  
AUTHOR: Bernacka Krystyna  
AUTHOR ADDRESS: Klinika Reumatol. AM, ul. M. Skłodowskiej-Curie 24 a,  
15-276 Białystok\*\*Poland  
. JOURNAL: Reumatologia (Warsaw) 34 (4):p812-821 1996  
ISSN: 0034-6233  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: Polish; Non-English  
SUMMARY LANGUAGE: Polish; English

2/3/4 (Item 4 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10536642 BIOSIS NO.: 199699157787  
Treatment of established adjuvant arthritis in rats with monoclonal  
antibody to CD18 and very late activation antigen-4 integrins suppresses  
neutrophil and T-lymphocyte migration to the joints and improves clinical  
disease.  
AUTHOR: Issekutz A C(a); Ayer L; Miyasaka M; Issekutz T B  
AUTHOR ADDRESS: (a)Dep. Pediatrics, Izaak Walton Killam Children's Hosp.,  
5850 University Hospital, Halifax, NS B3J\*\*Canada  
JOURNAL: Immunology 88 (4):p569-576 1996  
ISSN: 0019-2805  
DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/5 (Item 5 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09835177 BIOSIS NO.: 199598290095  
Anti-integrin immunotherapy in rheumatoid arthritis: Protective  
effect of anti-alpha-4 antibody in adjuvant  
arthritis.  
AUTHOR: Barbadillo Carmen; G-Arroyo Alicia; Salas Clara; Mulero Juan;  
Sanchez-Madrid Francisco; Andreu Jose L(a)  
AUTHOR ADDRESS: (a)Servicio de Reumatologia Hospital Puerta de Hierro,  
c/San Martin de Porres 4, E-28035 Madrid\*\*Spain  
JOURNAL: Springer Seminars in Immunopathology 16 (4):p427-436 1995  
ISSN: 0172-6641  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/6 (Item 6 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09668092 BIOSIS NO.: 199598123010  
Dual binding capacity of mucosal immunoblasts to mucosal and synovial  
endothelium in humans: Dissection of the molecular mechanisms.  
AUTHOR: Salmi Marko(a); Andrew David P; Butcher Eugene C; Jalkanen Sirpa  
AUTHOR ADDRESS: (a)National Public Health Inst., Kiinamyllynkatu 13, 20520  
Turku\*\*Finland  
JOURNAL: Journal of Experimental Medicine 181 (1):p137-149 1995  
ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/7 (Item 7 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09037685 BIOSIS NO.: 199497046055  
Vascular cell adhesion molecule 1 and alpha-4 and beta-1 integrins in  
lymphocyte aggregates in Sjogren's syndrome and rheumatoid  
arthritis.  
AUTHOR: Edwards Jo C W(a); Wilkinson Linda S; Speight Paul; Isenberg David  
A  
AUTHOR ADDRESS: (a)Arthur Stanley House, Tottenham St., London W1P 9PG\*\*UK  
JOURNAL: Annals of the Rheumatic Diseases 52 (11):p806-811 1993  
ISSN: 0003-4967  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/8 (Item 8 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08936461 BIOSIS NO.: 199396087962  
Lymphocyte-endothelial interactions in inflamed synovia: Involvement of

several adhesion molecules and integrin epitopes.  
AUTHOR: Fischer C; Thiele H-G; Hamann Alf(a)  
AUTHOR ADDRESS: (a) Abt. Immunol., Med. Klinik, Universitaetskrankenhaus  
Eppendorf, Martinistr. 52, 20246 Hamburg\*\*Germany  
JOURNAL: Scandinavian Journal of Immunology 38 (2):p158-166 1993  
ISSN: 0300-9475  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/9 (Item 9 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08819674 BIOSIS NO.: 199395109025  
Lymphocyte-synovial cell interactions: A role for beta-1 and beta-3  
integrin-mediated adhesion to cellular fibronectin.  
AUTHOR: Wilkins J(a); Lyttle D; Sivananthan K; El-Gabalawy H  
AUTHOR ADDRESS: (a) RDU Res. Lab., RR014, 800 sherbrook St., Winnipeg, Mb  
R3A 1M4\*\*Canada  
JOURNAL: Cellular Immunology 146 (2):p313-323 1993  
ISSN: 0008-8749  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/10 (Item 10 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08715520 BIOSIS NO.: 199395004871  
Alpha-4/beta-1 integrin (VLA-4) ligands in **arthritis**: Vascular cell  
adhesion molecule-1 expression in synovium and on fibroblast-like  
synoviocytes.  
AUTHOR: Morales-Ducret Jeanette; Wayner Elizabeth; Elices Mariano J;  
Alvaro-Gracia Jose M; Zvaifler Nathan J; Firestein Gary S(a)  
AUTHOR ADDRESS: (a) Div. Rheumatol. 8417, UCSD Med. Center, 225 Dickinson  
St., San Diego, Calif. 92103  
JOURNAL: Journal of Immunology 149 (4):p1424-1431 1992  
ISSN: 0022-1767  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/11 (Item 1 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

11373583 EMBASE No: 2001387181  
Blockade of gamma interferon might be beneficial in MS  
Steinman L.  
L. Steinman, Department of Neurological Sciences, Beckman Ctr. for  
Molecular Medicine, Stanford University, Stanford, CA 94305 United  
States  
Multiple Sclerosis ( MULT. SCLER. ) (United Kingdom) 2001, 7/5  
(275-276)  
CODEN: MUSCF ISSN: 1352-4585  
DOCUMENT TYPE: Journal ; Note  
LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 6

2/3/12 (Item 2 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

07031389 EMBASE No: 1997308857  
Interleukin-1 $\beta$ -stimulated invasion of articular cartilage by rheumatoid synovial fibroblasts is inhibited by antibodies to specific integrin receptors and by collagenase inhibitors  
Wang A.Z.; Wang J.C.; Fisher G.W.; Diamond H.S.  
Dr. A.Z. Wang, Department of Medicine, Western Pennsylvania Hospital, Duly Building 233, 4800 Friendship Avenue, Pittsburgh, PA 15224 United States  
Arthritis and Rheumatism ( ARTHRITIS RHEUM. ) (United States) 1997, 40/7 (1298-1307)  
CODEN: ARHEA ISSN: 0004-3591  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 46

2/3/13 (Item 3 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

05844699 EMBASE No: 1994195304  
Increased expression of VLA-5 adhesion molecules on synovial fluid T lymphocytes in chronic polyarthritis: A consequence of T-cell activation  
Walle T.K.; Helve T.; Virtanen I.; Kurki P.  
Department of Rheumatology, Kivela Hospital, Helsinki Finland  
Scandinavian Journal of Immunology ( SCAND. J. IMMUNOL. ) (United Kingdom ) 1994, 39/2 (189-194)  
CODEN: SJIMA ISSN: 0300-9475  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

2/3/14 (Item 1 from file: 155)  
DIALOG(R) File 155: MEDLINE(R)

09101551 97005204 PMID: 8852515  
Therapeutic effects of antibodies against adhesion molecules in murine collagen type II-induced arthritis.  
Zeidler A; Brauer R; Thoss K; Bahnsen J; Heinrichs V; Jablonski-Westrich D; Wroblewski M; Rebstock S; Hamann A  
Abt. f. Immunologie, Universitätskrankenhaus Eppendorf, Hamburg, F.R.G.  
Autoimmunity (SWITZERLAND) 1995, 21 (4) p245-52, ISSN 0891-6934  
Journal Code: 8900070  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/15 (Item 2 from file: 155)  
DIALOG(R) File 155: MEDLINE(R)

08874671 96235010 PMID: 8642310  
The alpha 4-integrin supports leukocyte rolling and adhesion in chronically inflamed postcapillary venules in vivo.  
Johnston B; Issekutz T B; Kubes P  
Department of Medical Physiology, University of Calgary, Alberta, Canada.  
Journal of experimental medicine (UNITED STATES) May 1 1996, 183 (5) p1995-2006, ISSN 0022-1007 Journal Code: 2985109R

Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/16 (Item 1 from file: 399)  
DIALOG(R) File 399:CA SEARCH(R)  
(c) 2002 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

127080168 CA: 127(6)80168q PATENT  
Therapeutic uses of humanized mouse antibodies against alpha-4 integrin  
INVENTOR(AUTHOR): Bendig, Mary M.; Leger, Olivier J.; Saldanha, Jose;  
Jones, S. Tarran; Yednock, Ted A.  
LOCATION: USA  
ASSIGNEE: Athena Neurosciences, Inc.; Bendig, Mary M.; Leger, Olivier J.;  
Saldanha, Jose; Jones, S. Tarran; Yednock, Ted A.  
PATENT: PCT International ; WO 9718838 A1 DATE: 19970529  
APPLICATION: WO 96US18807 (19961121) \*US 561521 (19951121)  
PAGES: 106 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/395A  
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;  
CU; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC;  
LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD;  
SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; AM; AZ; BY; KG; KZ; MD;  
RU; TJ; TM DESIGNATED REGIONAL: KE; LS; MW; SD; SZ; UG; AT; BE; CH; DE; DK  
; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM;  
GA; GN; ML; MR; NE; SN; TD; TG

2/3/17 (Item 2 from file: 399)  
DIALOG(R) File 399:CA SEARCH(R)  
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126088200 CA: 126(7)88200u JOURNAL  
Protective effects of monoclonal antibody to VLA-4 on leukocyte adhesion  
and course of disease in adjuvant arthritis in rats  
AUTHOR(S): Seiffge, Dirk  
LOCATION: TD Rheumatology, Hoechst AG, Wiesbaden, Germany, 65174  
JOURNAL: J. Rheumatol. DATE: 1996 VOLUME: 23 NUMBER: 12 PAGES:  
2086-2091 CODEN: JRHUA9 ISSN: 0315-162X LANGUAGE: English PUBLISHER:  
Journal of Rheumatology Publishing Co. Ltd.

2/3/18 (Item 3 from file: 399)  
DIALOG(R) File 399:CA SEARCH(R)  
(c) 2002 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

126017804 CA: 126(2)17804h PATENT  
Human antibodies derived from immunized xenomice  
INVENTOR(AUTHOR): Kucherlapati, Raju; Jakobovits, Aya; Klapholz, Sue;  
Brenner, Daniel G.; Capon, Daniel J.  
LOCATION: USA  
ASSIGNEE: Cell Genesys, Inc.  
PATENT: PCT International ; WO 9634096 A1 DATE: 19961031  
APPLICATION: WO 95US5500 (19950428)  
PAGES: 64 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/00A  
DESIGNATED COUNTRIES: AU; CA; FI; HU; JP; KR; NO; NZ  
DESIGNATED REGIONAL: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC;  
NL; PT; SE  
? s (alpha4beta1 or vla(w)4) and arthritis  
1416 ALPHA4BETA1  
6595 VLA  
5298530 4  
4157 VLA(W)4

342168 ARTHRITIS  
S3 207 (ALPHA4BETA1 OR VLA(W)4) AND ARTHRITIS  
? rd s3  
...examined 50 records (50)  
...examined 50 records (100)  
...examined 50 records (150)  
...examined 50 records (200)  
...completed examining records  
S4 114 RD S3 (unique items)

? s s4 and py<1997

Processing  
Processing

114 S4  
40176437 PY<1997  
S5 50 S4 AND PY<1997

? rd s5

...examined 50 records (50)  
...completed examining records  
S6 50 RD S5 (unique items)

? t s6/3/all

6/3/1 (Item 1 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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10709587 BIOSIS NO.: 199799330732  
Protective effects of monoclonal antibody to VLA-4 on leukocyte  
adhesion and course of disease in adjuvant arthritis in rats.  
AUTHOR: Seiffge Dirk  
AUTHOR ADDRESS: TD Rheumatology, Hoechst AG, Werk Kalle-Albert, PO Box  
3540, 65174 Wiesbaden\*\*Germany  
JOURNAL: Journal of Rheumatology 23 (12):p2086-2091 1996  
ISSN: 0315-162X  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/2 (Item 2 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10626433 BIOSIS NO.: 199699247578  
Blood monocyte activation in rheumatoid arthritis: Increased monocyte  
adhesiveness, integrin expression, and cytokine release.  
AUTHOR: Liote F(a); Boval-Boizard B; Weill D; Kuntz D; Wautier J-L  
AUTHOR ADDRESS: (a)Clin. Rhumatol. Lab. d'Histopathol. Synoviale, Hop.  
Lariboisiere, 6 rue Guy Patin, F-75475 Paris\*\*France  
JOURNAL: Clinical and Experimental Immunology 106 (1):p13-19 1996  
ISSN: 0009-9104  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/3 (Item 3 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10536642 BIOSIS NO.: 199699157787  
Treatment of established adjuvant arthritis in rats with monoclonal  
antibody to CD18 and very late activation antigen-4 integrins suppresses  
neutrophil and T-lymphocyte migration to the joints and improves clinical  
disease.  
AUTHOR: Issekutz A C(a); Ayer L; Miyasaka M; Issekutz T B

AUTHOR ADDRESS: (a)Dep. Pediatrics, Izaak Walton Killam Children's Hosp.,  
5850 University Hospital, Halifax, NS B3J\*\*Canada  
JOURNAL: Immunology 88 (4):p569-576 1996  
ISSN: 0019-2805  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10531397 BIOSIS NO.: 199699152542  
An immunohistochemical and immunochemical microscopic study of adhesion  
molecules in synovial pannus formation in rheumatoid **arthritis**.  
AUTHOR: Ishikawa H(a); Hirata S; Andoh H; Kubo H; Nakagawa N; Nishibayashi  
Y; Mizuno K  
AUTHOR ADDRESS: (a)Fac. Health Sci., Kobe Univ. Sch. Med., 7-chome,  
Tomogaoka, Suma-ku, Kobe 654-01\*\*Japan  
JOURNAL: Rheumatology International 16 (2):p53-60 1996  
ISSN: 0172-8172  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10418672 BIOSIS NO.: 199699039817  
Rat blood neutrophils express very late antigen 4 and it mediates migration  
to arthritic joint and dermal inflammation.  
AUTHOR: Issekutz Thomas B(a); Miyasaki Masayuki; Issekutz Andrew C  
AUTHOR ADDRESS: (a)Conacher Research Wing, 2-855, Toronto Hospital, 101  
College Street, Toronto, ON M5G 2C4\*\*Canada  
JOURNAL: Journal of Experimental Medicine 183 (5):p2175-2184 1996  
ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10321626 BIOSIS NO.: 199698776544  
T cells bound by vascular cell adhesion molecule-1/CD106 in synovial fluid  
in rheumatoid **arthritis**: Inhibitory role of soluble vascular cell  
adhesion molecule-1 and T cell activation.  
AUTHOR: Kitani Atsushi(a); Nakashima Noriko; Matsuda Takemasa; Xu Baohui;  
Yu Su; Nakamura Tadashi; Matsuyama Takami  
AUTHOR ADDRESS: (a)Dep. Immunol. Med. Zool., Sch. Med., Kagoshima Univ.,  
8-35-1 Sakuragaoka, Kagoshima City, Kagosh\*\*Japan  
JOURNAL: Journal of Immunology 156 (6):p2300-2308 1996  
ISSN: 0022-1767  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10241360 BIOSIS NO.: 199698696278  
Antibodies to proteinase 3 mediate expression of vascular cell adhesion molecule-1 (VCAM-1).  
AUTHOR: Mayet W-J; Schwarting A; Orth T; Duchmann R; Meyer Zum Bueschenfelde K-H(a)  
AUTHOR ADDRESS: (a)I. Med. Klinik Poliklinik, Johannes Gutenberg-Univ.  
Mainz, Langenbeckstr. 1, D-55101 Mainz\*\*Germany  
JOURNAL: Clinical and Experimental Immunology 103 (2):p259-267 1996  
ISSN: 0009-9104  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10163018 BIOSIS NO.: 199698617936  
The integrin alpha-4-beta-1 (VLA-4) as a therapeutic target.  
BOOK TITLE: Ciba Foundation Symposium; Cell adhesion and human disease  
AUTHOR: Elices Mariano J  
BOOK AUTHOR/EDITOR: Marsh J; Goode J A: Eds  
AUTHOR ADDRESS: Cytel Corp., 3525 John Hopkins Court, San Diego, CA 92121  
\*\*USA  
JOURNAL: Ciba Foundation Symposium (198):p79-90 1995  
BOOK PUBLISHER: John Wiley and Sons Ltd., Baffin Lane, Chichester PO 19  
1UD, England  
John Wiley and Sons, Inc., 605 Third Avenue, New York, New  
York 10158-0012, USA  
CONFERENCE/MEETING: Symposium London, England, UK May 17-19, 1994  
ISSN: 0300-5208 ISBN: 0-471-95279-6  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10139329 BIOSIS NO.: 199698594247  
Expression of adhesion molecules in early rheumatoid synovial tissue.  
AUTHOR: Tak Paul P(a); Thurkow Erik W; Daha Mohamed R; Kluin Philip M;  
Smeets Tom J M; Meinders A Edo; Breedveld Ferdinand C  
AUTHOR ADDRESS: (a)Dep. General Internal Med., Building 1, C1-R41, Univ.  
Hosp. Leiden, P.O. Box 9600, 2300 RC Leide\*\*Netherlands  
JOURNAL: Clinical Immunology and Immunopathology 77 (3):p236-242

1995  
ISSN: 0090-1229  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10103931 BIOSIS NO.: 199698558849  
Angiogenesis mediated by soluble forms of E-selectin and vascular cell adhesion molecule-1.

AUTHOR: Koch Alisa E(a); Halloran Margaret M; Haskell Catherine J; Shah Manisha R; Polverini Peter J  
AUTHOR ADDRESS: (a)Veterans's Adm., Lakeside Med. Cent., 333 E. Huron St., Chicago, IL 60611\*\*USA  
JOURNAL: Nature (London) 376 (6540):p517-519 1995  
ISSN: 0028-0836  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/11 (Item 11 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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10044684 BIOSIS NO.: 199598499602  
A recombinant adenoviral vector expressing a soluble form of VCAM-1 inhibits VCAM-1/VLA-4 adhesion in transduced synoviocytes.  
AUTHOR: Chen S-J; Wilson J M; Vallance D K; Hartman J W; Davidson B L; Roessler B J(a)  
AUTHOR ADDRESS: (a)Dep. Internal Med., Div. Rheumatology, Univ. Mich. Med. Center, 5520 MSRB I, 1150 West Medical C\*\*USA  
JOURNAL: Gene Therapy 2 (7):p469-480 1995  
ISSN: 0969-7128  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/12 (Item 12 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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09732035 BIOSIS NO.: 199598186953  
Monocyte Migration to Arthritis in the Rat Utilizes both CD11/CD18 and Very Late Activation antigen 4 Integrin Mechanisms.  
AUTHOR: Issekutz Andrew C; Issekutz Thomas B(a)  
AUTHOR ADDRESS: (a)Room CCRW 2-855, Dep. Med., Toronto Hosp., 585 University Ave., Toronto ON M5G 2C4\*\*Canada  
JOURNAL: Journal of Experimental Medicine 181 (3):p1197-1203 1995  
ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/13 (Item 13 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09589953 BIOSIS NO.: 199598044871  
Immunohistological and functional analysis of adhesion molecule expression in the rheumatoid synovial lining layer. Implications for synovial lining cell destruction.  
AUTHOR: Van Dinther-Janssen Anna C H M(a); Kraal George; Van Soesbergen Rene M; Schepers Rik J; Meijer Chris J L M  
AUTHOR ADDRESS: (a)Dep. Pathol., Free Univ., De Boelelaan 1117, 1081 HV Amsterdam\*\*Netherlands  
JOURNAL: Journal of Rheumatology 21 (11):p1998-2004 1994  
ISSN: 0315-162X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/14 (Item 14 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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09351223 BIOSIS NO.: 199497359593  
Increase in adhesion molecules on CD4+ cells and CD4+ cell subsets in  
synovial fluid from patients with rheumatoid **arthritis**.  
AUTHOR: Ueki Yukitaka(a); Eguchi Katsumi; Shimada Hironori; Nakashima  
Munetoshi; Ida Hiroaki; Miyake Seibei; Nagataki Shigenobu; Tominaga Yuko  
AUTHOR ADDRESS: (a)Dep. Intern. Med., Sasebo Chuo Hosp., Sasebo 857\*\*Japan  
JOURNAL: Journal of Rheumatology 21 (6):p1003-1010 1994  
ISSN: 0315-162X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/15 (Item 15 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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09251830 BIOSIS NO.: 199497260200  
Monocyte migration to **arthritis** in the rat utilizes both CD11/CD18  
and VLA-4 integrin pathways.  
AUTHOR: Issekutz A C(a); Issekutz T B  
AUTHOR ADDRESS: (a)Dep. Pediatrics, Dalhousie Univ., Halifax, NS B3J 3G9\*\*  
Canada  
JOURNAL: FASEB Journal 8 (4-5):pA468 1994  
CONFERENCE/MEETING: Experimental Biology 94, Parts I and II Anaheim,  
California, USA April 24-28, 1994  
ISSN: 0892-6638  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/16 (Item 16 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09165249 BIOSIS NO.: 199497173619  
Immunolocalization of adhesion molecules in rheumatoid and osteoarthritis  
synovial tissues.  
AUTHOR: Aoyagi Takahiko(a); Eguchi Katsumi; Nakashima Munetoshi; Ida  
Hiroaki; Furuichi Itaru; Maeda Kenji; Nagataki Shigenobu; Iwasaki Katsuro  
AUTHOR ADDRESS: (a)Dep. Orthopedic Surg., Nagasaki Univ. Sch. Med., 1-7-1  
Sakamoto, Nagasaki City, Nagasaki 852\*\*Japan  
JOURNAL: Acta Medica Nagasakiensis 38 (2-4):p62-70 1993  
ISSN: 0001-6055  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/17 (Item 17 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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09014337 BIOSIS NO.: 199497022707  
The role of LFA-1/ICAM-1 and VLA-4/VCAM-1 in peripheral blood  
monocyte adhesion to rheumatoid **arthritis** fibroblast-like  
synoviocytes.  
AUTHOR: Diaz-Gonzalez F; Humbria A; Garcia-Vicuna R; Laffon A;  
Alvaro-Gracia J M

AUTHOR ADDRESS: Hosp. La Princesa 28006, Madrid\*\*Spain  
JOURNAL: Arthritis and Rheumatism 36 (9 SUPPL.):pS177 1993  
CONFERENCE/MEETING: 57th Annual Scientific Meeting of the American College  
of Rheumatology San Antonio, Texas, USA November 7-11, 1993  
ISSN: 0004-3591  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/18 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09001022 BIOSIS NO.: 199497009392  
Modulation of T lymphocyte function by the angiogenesis inhibitor AGM-1470.  
AUTHOR: Berger A E(a); Dortch K A; Staite N D; Mitchell M A; Evans B R;  
Holm M S  
AUTHOR ADDRESS: (a)7239-267-3, Upjohn Co., 301 Henrietta St., Kalamazoo, MI  
490067\*\*USA  
JOURNAL: Agents and Actions 39 (SPEC. CONF. ISSUE):pC86-C92 1993  
ISSN: 0065-4299  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/19 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08985456 BIOSIS NO.: 199396136957  
Role of the CS1 adhesion motif of fibronectin in T cell adhesion to  
synovial membrane and peripheral lymph node endothelium.  
AUTHOR: Van Dinther-Janssen A C H M(a); Pals S T; Schepers R J; Meijer C J L  
M  
AUTHOR ADDRESS: (a)Dep. Pathology, Free Univ. Hosp., De Boelelaan 1117,  
1081 HV Amsterdam\*\*Netherlands Antilles  
JOURNAL: Annals of the Rheumatic Diseases 52 (9):p672-676 1993  
ISSN: 0003-4967  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/20 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08889183 BIOSIS NO.: 199396040684  
Detection of a circulating form of vascular cell adhesion molecule-1:  
Raised levels in rheumatoid **arthritis** and systemic lupus  
erythematosus.  
AUTHOR: Wellcome S M; Kapahi P; Mason J C; Lebranchu Y; Yarwood H; Haskard  
D O(a)  
AUTHOR ADDRESS: (a)Dep. Med., Royal Postgraduate Med. Sch., Hammersmith  
Hosp., Du Cane Road, London W12 0NN\*\*UK  
JOURNAL: Clinical and Experimental Immunology 92 (3):p412-418 1993  
ISSN: 0009-9104  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/21 (Item 21 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08831021 BIOSIS NO.: 199395120372  
Beta-1 (CD29) integrin expression in rheumatoid synovial membranes: An immunohistologic study of distribution patterns.  
AUTHOR: El-Gabalawy Hani(a); Wilkins John  
AUTHOR ADDRESS: (a)Rheumatic Diseases Unit, R.R. 149, 800 Sherbrook St.,  
Winnipeg, MB, Can. R3A 1M4  
JOURNAL: Journal of Rheumatology 20 (2):p231-237 1993  
ISSN: 0315-162X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/22 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08715520 BIOSIS NO.: 199395004871  
Alpha-4/beta-1 integrin (VLA-4) ligands in **arthritis**:  
Vascular cell adhesion molecule-1 expression in synovium and on fibroblast-like synoviocytes.  
AUTHOR: Morales-Ducret Jeanette; Wayner Elizabeth; Elices Mariano J;  
Alvaro-Gracia Jose M; Zvaifler Nathan J; Firestein Gary S(a)  
AUTHOR ADDRESS: (a)Div. Rheumatol. 8417, UCSD Med. Center, 225 Dickinson  
St., San Diego, Calif. 92103  
JOURNAL: Journal of Immunology 149 (4):p1424-1431 1992  
ISSN: 0022-1767  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/23 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08466442 BIOSIS NO.: 199344016442  
Synovial fluid and peripheral blood T-cell adhesion to rheumatoid **arthritis** fibroblast-like synoviocytes: Cytokine regulation and the role of VLA-4/VCAM-1 and LFA-1/ICAM-1.  
AUTHOR: Garcia-Vicuna Rosario; Diaz-Gonzalez Federico; Lopez-Robledillo  
Juan C; Laffon Armando; Alvaro-Gracia Jose M  
AUTHOR ADDRESS: Hosp. de la Rrincesa, 28006 Madrid\*\*Spain  
JOURNAL: Arthritis & Rheumatism 35 (9 SUPPL.):pS230 1992  
CONFERENCE/MEETING: 56th Annual Scientific Meeting of the American College  
of Rheumatology, Atlanta, Georgia, USA, October 11-15, 1992. ARTHRITIS  
RHEUM  
ISSN: 0004-3591  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/24 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08291214 BIOSIS NO.: 000094062512  
VLA FAMILY IN RHEUMATOID **ARTHRITIS** EVIDENCE OF IN-VIVO REGULATED  
ADHESION OF SYNOVIAL FLUID T CELLS TO FIBRONECTIN THROUGH VLA-5 INTEGRIN  
AUTHOR: GARCIA-VICUNA R; HUMBRIA A; POSTIGO A A; LOPEZ-ELZAURDIA C; DE  
LANDAZURI M O; SANCHEZ-MADRID F; LAFFON A

AUTHOR ADDRESS: SECCION DE REUMATOLOGIA, HOSPITAL DE LA PRINCESA, DIEGO DE LEON 62, 28006 MADRID, SPAIN.  
JOURNAL: CLIN EXP IMMUNOL 88 (3). 1992. 435-441. 1992  
FULL JOURNAL NAME: Clinical and Experimental Immunology  
CODEN: CEXIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/25 (Item 25 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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08227800 BIOSIS NO.: 000094028764  
INCREASED BINDING OF SYNOVIAL T LYMPHOCYTES FROM RHEUMATOID ARTHRITIS  
TO ENDOTHELIAL-LEUKOCYTE ADHESION MOLECULE-1 ELAM-1 AND VASCULAR CELL  
ADHESION MOLECULE-1 VCAM-1  
AUTHOR: POSTIGO A A; GARCIA-VICUNA R; DIAZ-GONZALEZ F; ARROYO A G; DE  
LANDAZURI M O; CHI-ROSSO G; LOBB R R; LAFFON A; SANCHEZ-MADRID F  
AUTHOR ADDRESS: SERVICIO DE INMUNOLOGIA, HOSPITAL DE LA PRINCESA, C/DIEGO  
DE LEON 62, 28006 MADRID, SPAIN.  
JOURNAL: J CLIN INVEST 89 (5). 1992. 1445-1452. 1992  
FULL JOURNAL NAME: Journal of Clinical Investigation  
CODEN: JCINA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/26 (Item 26 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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08223958 BIOSIS NO.: 000094024922  
EXPRESSION OF VASCULAR CELL ADHESION MOLECULE-1 IN FIBROBLAST-LIKE  
SYNOVIOCYTES AFTER STIMULATION WITH TUMOR NECROSIS FACTOR  
AUTHOR: MARLOR C W; WEBB D L; BOMBARA M P; GREVE J M; BLUE M-L  
AUTHOR ADDRESS: INSTITUTE ARTHRITIS AUTOIMMUNITY, MILES RESEARCH CENTER,  
700 MORGAN LANE, WEST HAVEN, CONN. 06516.  
JOURNAL: AM J PATHOL 140 (5). 1992. 1055-1060. 1992  
FULL JOURNAL NAME: American Journal of Pathology  
CODEN: AJPAA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/27 (Item 27 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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07993421 BIOSIS NO.: 000093049094  
THE VLA-4-VCAM-1 PATHWAY IS INVOLVED IN LYMPHOCYTE ADHESION TO  
ENDOTHELIUM IN RHEUMATOID SYNOVIA  
AUTHOR: VAN DINOTHER-JANSSEN A C H M; HORST E; KOOPMAN G; NEWMANN W; SCHEPER  
R J; MEIJER C J L M; PALS S T  
AUTHOR ADDRESS: DEP. PATHOL., FREE UNIV. HOSPITAL, DE BOELELAAN 1117, 1081  
HV AMSTERDAM, NETHERLANDS.  
JOURNAL: J IMMUNOL 147 (12). 1991. 4207-4210. 1991  
FULL JOURNAL NAME: Journal of Immunology  
CODEN: JOIMA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/28 (Item 28 from file: 5)

DIALOG(R) File 5:Biosis Previews(R)  
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07950096 BIOSIS NO.: 000093029194  
T LYMPHOCYTE MIGRATION TO ARTHRITIC JOINTS AND DERMAL INFLAMMATION IN THE  
RAT DIFFERING MIGRATION PATTERNS AND THE INVOLVEMENT OF VLA-4  
AUTHOR: ISSEKUTZ T B; ISSEKUTZ A C  
AUTHOR ADDRESS: DEP. PEDIATRICS, DALHOUSIE UNIV., HALIFAX, NOVA SCOTIA B3J  
3G9, CAN.  
JOURNAL: CLIN IMMUNOL IMMUNOPATHOL 61 (3). 1991. 436-447. 1991  
FULL JOURNAL NAME: Clinical Immunology and Immunopathology  
CODEN: CLIIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/29 (Item 29 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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07795569 BIOSIS NO.: 000092088140  
UPREGULATED EXPRESSION AND FUNCTION OF VLA-4 FIBRONECTIN  
RECEPTORS ON HUMAN ACTIVATED T CELLS IN RHEUMATOID ARTHRITIS  
AUTHOR: LAFFON A; GARCIA-VICUNA R; HUMBRIA A; POSTIGO A A; CORBI A L; DE  
LANDAZURI M O; SANCHEZ-MADRID F  
AUTHOR ADDRESS: SECCION INMUNOLOGIA, HOSP. PRINCESA, C/DIEGO LEON 62, 28006  
MADRID, SPAIN.  
JOURNAL: J CLIN INVEST 88 (2). 1991. 546-552. 1991  
FULL JOURNAL NAME: Journal of Clinical Investigation  
CODEN: JCINA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/30 (Item 30 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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07583481 BIOSIS NO.: 000040106645  
ENHANCEMENT OF T CELL ACTIVATION THROUGH CD2 BY THE FIBRONECTIN VLA-  
4 INTERACTION  
AUTHOR: BLUE M-L; CONRAD P; DAVIS G  
AUTHOR ADDRESS: INST. ARTHRITIS AUTOIMMUNITY, MILES RES. CENT., WEST HAVEN,  
CONN. 06516.  
JOURNAL: MEETING ON MOLECULAR BIOLOGY AND THE IMMUNOPATHOGENESIS OF  
RHEUMATOID ARTHRITIS HELD AT THE 20TH ANNUAL MEETING OF THE KEYSTONE  
SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, LAKE TAHOE, CALIFORNIA, USA,  
MARCH 15-21, 1991. J CELL BIOCHEM SUPPL 15 (PART E). 1991. 178. 1991  
CODEN: JCBSD  
DOCUMENT TYPE: Meeting  
RECORD TYPE: Citation  
LANGUAGE: ENGLISH

6/3/31 (Item 1 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

06741805 EMBASE No: 1997023276  
Large granular lymphocyte expansions in Felty's syndrome have an unusual  
phenotype of activated CD45RA+ cells  
Bowman S.J.; Geddes G.C.; Corrigall V.; Panayi G.S.; Lanchbury J.S.  
J.S. Lanchbury, Molecular Immunogenetics Unit, Guy's Tower, UMDS, Guy's  
Hospital, London SE1 9RT United Kingdom

British Journal of Rheumatology ( BR. J. RHEUMATOL. ) (United Kingdom)  
1996, 35/12 (1252-1255)  
CODEN: BJRHD ISSN: 0263-7103  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 23

6/3/32 (Item 2 from file: 73)  
DIALOG(R) File 73:EMBASE  
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06428466 EMBASE No: 1996091967  
T cells bound by vascular cell adhesion molecule-1/CD106 in synovial  
fluid in rheumatoid arthritis: Inhibitory role of soluble vascular  
cell adhesion molecule-1 in T cell activation  
Kitani A.; Nakashima N.; Matsuda T.; Yu S.; Nakamura T.; Matsuyama  
T.  
Dept. of Immunology/Medical Zoology, School of Medicine, Kagoshima  
University, 8-35-1 Sakuragaoka, Kagoshima City, Kagoshima 890 Japan  
Journal of Immunology ( J. IMMUNOL. ) (United States) 1996, 156/6  
(2300-2308)  
CODEN: JOIMA ISSN: 0022-1767  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/33 (Item 3 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

06419494 EMBASE No: 1996066150  
Adhesion molecules in autoimmune disease  
McMurray R.W.  
Univ. of Mississippi Medical Center, Div. of Rheumatol./Molec.  
Immunology, Department of Internal Medicine, 2500 North State St, Jackson,  
MS 39214-4505 United States  
Seminars in Arthritis and Rheumatism ( SEMIN. ARTHRITIS RHEUM. ) (United  
States) 1996, 25/4 (215-233)  
CODEN: SAHRB ISSN: 0049-0172  
DOCUMENT TYPE: Journal; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/34 (Item 4 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

06193928 EMBASE No: 1995230820  
In vivo and in vitro expression of adhesion molecules by peripheral blood  
lymphocytes from patients with primary Sjogren's syndrome:  
Culture-associated enhancement of LECAM-1 and CD44  
Aziz K.E.; Wakefield D.  
Immunopathology Department, Prince Henry Hospital, Anzac Parade, Little  
Bay, Sydney, NSW 2036 Australia  
Rheumatology International ( RHEUMATOL. INT. ) (Germany) 1995, 15/2  
(69-74)  
CODEN: RHIND ISSN: 0172-8172  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/35 (Item 5 from file: 73)  
DIALOG(R) File 73:EMBASE

(c) 2002 Elsevier Science B.V. All rts. reserv.

06160062 EMBASE No: 1995164843  
Systemic lupus erythematosus with necrotizing vasculitis and upregulated expression of VLA-4 antigen  
Takeuchi T.; Aoki K.; Koide J.; Sekine H.; Abe T.  
Department of Internal Medicine, Saitama Medical Center, Saitama Medical School, 1981 Tsujido-machi, Kamoda, Kawagoe-shi, Saitama 350 Japan  
Clinical Rheumatology ( CLIN. RHEUMATOL. ) (Belgium) 1995, 14/3  
(370-374)  
CODEN: CLRHD ISSN: 0770-3198  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/36 (Item 6 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

05893374 EMBASE No: 1994299077  
Interleukin 4 increases human synovial cell expression of VCAM-1 and T cell binding  
Shimada H.; Eguchi Y.; Ueki Y.; Nakashima M.; Yamashita I.; Kawabe Y.; Sakai M.; Ida H.; Aoyagi T.; Nagataki S.  
First Department of Internal Med., Nagasaki University School of Med., 1-7-1 Sakamoto, Nagasaki City, Nagasaki 852 Japan  
Annals of the Rheumatic Diseases ( ANN. RHEUM. DIS. ) (United Kingdom) 1994, 53/9 (601-607)  
CODEN: ARDIA ISSN: 0003-4967  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/37 (Item 7 from file: 73)  
DIALOG(R) File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

05739939 EMBASE No: 1994156969  
Role of adhesion molecules in the lymphoid cell distribution in rheumatoid synovial membrane  
Ishikawa H.; Hirata S.; Nishibayashi Y.; Kubo H.; Nannbae M.; Ohno O.; Imura S.  
School of Allied Medical Sciences, Kobe University, 7-chome, Tomogaoka, Suma-ku, Kobe 654 Japan  
Rheumatology International ( RHEUMATOL. INT. ) (Germany) 1994, 13/6  
(229-236)  
CODEN: RHIND ISSN: 0172-8172  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/38 (Item 8 from file: 73)  
DIALOG(R) File 73:EMBASE  
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05679305 EMBASE No: 1994087078  
The role of adhesion molecules in synovial pannus formation in rheumatoid arthritis  
Ishikawa H.; Hirata S.; Nishibayashi Y.; Imura S.; Kubo H.; Ohno O.  
School of Allied Medical Sciences, Kobe University, 7-chome, Tomogaoka, Hyougo, Kobe 654 Japan  
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CODEN: CORTB ISSN: 0009-921X

DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

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DIALOG(R) File 73:EMBASE  
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05674515 EMBASE No: 1994088050  
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Tomogaoka, Suma-ku, Kobe 654 Japan  
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DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/40 (Item 10 from file: 73)  
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05625921 EMBASE No: 1994035502  
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Elices M.J.; Tsai V.; Strahl D.; Goel A.S.; Tollefson V.; Arrhenius T.;  
Wayner E.A.; Gaeta F.C.A.; Fikes J.D.; Firestein G.S.  
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05380983 EMBASE No: 1993149082  
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Saito I.; Terauchi K.; Shimuta M.; Nishiimura S.; Yoshino K.; Takeuchi T.;  
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Department of Virology/Immunology, Medical Research Institute, Tokyo  
Medical and Dental University, 1-5-45, Yushima, Bunkyo-ku, Tokyo 113  
Japan  
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DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

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05368815 EMBASE No: 1993136914  
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Elices M.J.; Tamraz S.; Vollger L.W.  
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LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

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05302221 EMBASE No: 1993070306  
Lymphocyte-synovial cell interactions: A role for beta1 and beta3 integrin-mediated adhesion to cellular fibronectin  
Wilkins J.; Lyttle D.; Sivananthan K.; El-Gabalawy H.  
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DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

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05185123 EMBASE No: 1992325357  
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Vachula M.; Van Epps D.E.  
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05162814 EMBASE No: 1992303047  
Vascular cell adhesion molecule-1 (VCAM-1) expression in murine lupus nephritis  
Wuthrich R.P.  
Division of Nephrology, University of Alabama, UAB Station, Birmingham, AL  
35294 United States  
Kidney International ( KIDNEY INT. ) (United States) 1992, 42/4  
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6/3/46 (Item 16 from file: 73)  
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05106797 EMBASE No: 1992247013  
alpha<sub>1</sub>inf 4/beta<sub>1</sub>inf 1 Integrin (VLA-4) ligands in  
**arthritis:** vascular cell adhesion molecule-1 expression in synovium  
and on fibroblast-like synoviocytes  
Morales-Ducret J.; Wayner E.; Elices M.J.; Alvaro-Gracia J.M.; Zvaifler  
N.J.; Firestein G.S.  
Division of Rheumatology 8417, UCSD Medical Center, 225 Dickinson St., San  
Diego, CA 92103 United States  
Journal of Immunology (J. IMMUNOL.) (United States) 1992, 149/4  
(1424-1431)  
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DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/47 (Item 17 from file: 73)  
DIALOG(R)File 73:EMBASE  
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05105115 EMBASE No: 1992245331  
The VLA-4/VCAM-1 molecules participate in gammadelta cell  
interaction with endothelial cells  
Mohagheghpour N.; Bermudez L.E.; Khajavi S.; Rivas A.  
Kuzell Arthritis/Infect. Dis. Inst., 2200 Webster Street, San Francisco,  
CA 94115 United States  
Cellular Immunology (CELL. IMMUNOL.) (United States) 1992, 143/1  
(170-182)  
CODEN: CLIMB ISSN: 0008-8749  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/48 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)

07935781 94071507 PMID: 7504438  
Vascular cell adhesion molecule 1 and alpha 4 and beta 1 integrins in  
lymphocyte aggregates in Sjogren's syndrome and rheumatoid **arthritis**.

Edwards J C; Wilkinson L S; Speight P; Isenberg D A  
Department of Medicine, Faculty of Clinical Sciences, University College  
London, United Kingdom.  
Annals of the rheumatic diseases (ENGLAND) Nov 1993, 52 (11)  
p806-11, ISSN 0003-4967 Journal Code: 0372355  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

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DIALOG(R)File 155:MEDLINE(R)

07816829 93348459 PMID: 7688480  
Lymphocyte-endothelial interactions in inflamed synovia: involvement of  
several adhesion molecules and integrin epitopes.  
Fischer C; Thiele H G; Hamann A  
Abt. f. Immunologie, Medizinische Klinik, Universitätskrankenhaus  
Eppendorf, Hamburg, Germany.  
Scandinavian journal of immunology (ENGLAND) Aug 1993, 38 (2)  
p158-66, ISSN 0300-9475 Journal Code: 0323767  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM

Record type: Completed

6/3/50 (Item 1 from file: 399)  
DIALOG(R) File 399:CA SEARCH(R)  
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123053988 CA: 123(5)53988t JOURNAL  
Anti-integrin immunotherapy in rheumatoid arthritis: protective effect of  
anti-.alpha.4 antibody in adjuvant arthritis  
AUTHOR(S): Barbadillo, Carmen; G-Arroyo, Alicia; Salas, Clara; Mulero,  
Juan; Sanchez-Madrid, Francisco; Andreu, Jose L.  
LOCATION: Servicio de Reumatologia, Hospital Puerta de Hierro, Madrid,  
Spain, E-28035  
JOURNAL: Springer Semin. Immunopathol. DATE: 1995 VOLUME: 16 NUMBER: 4  
PAGES: 427-36 CODEN: SSIMDV ISSN: 0344-4325 LANGUAGE: English

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Set	Items	Description
S1	35	(ALPHA4 OR ALPHA(W)4) (10N) (ANTIBOD?) AND ARTHRITIS
S2	18	RD S1 (unique items)
S3	207	(ALPHA4BETA1 OR VLA(W)4) AND ARTHRITIS
S4	114	RD S3 (unique items)
S5	50	S4 AND PY<1997
S6	50	RD S5 (unique items)
S7	0	(21(W)6) (10N) ANTIBOD\$
S8	0	(21(W)6) AND ANTIBOD\$
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